

U.S. Patent Application Serial No. 10/566,273

Response filed September 8, 2010

Reply to OA dated June 8, 2010

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-3 (canceled).

Claim 4 (currently amended): A compressor comprising:

a container;

a compressor mechanism, provided ~~disposed inside said container and disposed~~ in a lower portion of said container, for compressing working fluid[.];

a motor, provided ~~comprising a stator and a rotor, disposed inside said container and disposed~~ in an upper portion of said container, for driving said compressor mechanism to create a turning flow from the working fluid by the rotation of the rotor;

~~a discharge pipe, disposed in an upper space of said container, for discharging the compressed working fluid;~~

an oil reservoir, provided at a bottom of said container, for storing refrigeration oil; and

a ~~floating type~~ wave-suppressing member, provided to be floated in an interface between the working fluid and the stored refrigeration oil, and extended toward said compressor mechanism and extended toward said container, of said reservoir, for reducing the area of said interface which comes

~~into direct contact with the turning flow of the working fluid generated by the rotation of the rotor;~~

~~wherein said wave-suppressing member comprises~~ comprising a divided member consisting of which extends astride said interface to divide said interface into a plurality of pieces;

~~wherein said divided member comprises a plurality of plates~~ which are partly standing in the vertical direction and portions of said plates are always immersed in the stored refrigeration oil and extend astride the interface to form a lattice which covers a substantial part of the interface area such that the interface area is divided into a plurality of pieces thereby reducing the rippling of the interface caused by the turning flow directly contacted with the interface of said reservoir; wherein a plurality of said plates are assembled in a lattice form.

Claims 5-14 (canceled).

Claim 15 (currently amended): A compressor comprising:

a container;

a compressor mechanism, provided ~~disposed inside said container and disposed~~ in a lower portion of said container, for compressing working fluid[.];

a motor, provided ~~comprising a stator and a rotor, disposed inside said container and disposed~~ in an upper portion of said container, for driving said compressor mechanism to create a turning flow from the working fluid by the rotation of the rotor;

~~a discharge pipe, disposed in an upper space of said container, for discharging the~~

U.S. Patent Application Serial No. 10/566,273

Response filed September 8, 2010

Reply to OA dated June 8, 2010

~~compressed working fluid;~~

an oil reservoir, provided at a bottom of said container, for storing refrigeration oil; and

a floating type wave-suppressing member, floated in an interface between the working fluid and the refrigeration oil of said reservoir, for reducing the area of said interface which comes into direct contact with ~~[[the]]~~ a turning flow of the working fluid generated by the rotation of the rotor;

wherein said wave-suppressing member comprises a divided member which extends toward said compressor mechanism and extends toward said container ~~astride said interface~~ to divide said interface into a plurality of pieces, wherein said divided member comprises a mesh member and portions of said mesh member are always immersed in the refrigeration oil of said reservoir.

Claim 16 (canceled).

* * * *